



FEMA



Prepared by:
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FEMA Region 6 Weather Threat Briefing

Tuesday, May 22, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today and Wednesday

- Isolated severe storms possible in E NM/W TX today and across E NM, W TX, and the OK Panhandle Wednesday.
- Elevated fire weather conditions in W NM each day.

Thursday

- No significant weather impacts expected.

Friday and Saturday

- Heavy rainfall and localized flooding possible in LA.

Tropical Weather Outlook

- There is a 40 percent chance for development of a tropical system over the central or eastern Gulf of Mexico late this week into this weekend. Regardless of development, locally heavy rainfall is possible along the track of this system.

FEMA Region 6 Threat Matrix

May 22, 2018 – May 26, 2018



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	E NM, WTX	E NM, WTX, OK Panhandle			
Heavy Rain / Flash Flooding				LA →	
Fire Weather	W NM	W NM			
Tropical Weather					
River Flooding	Isolated in AR →				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

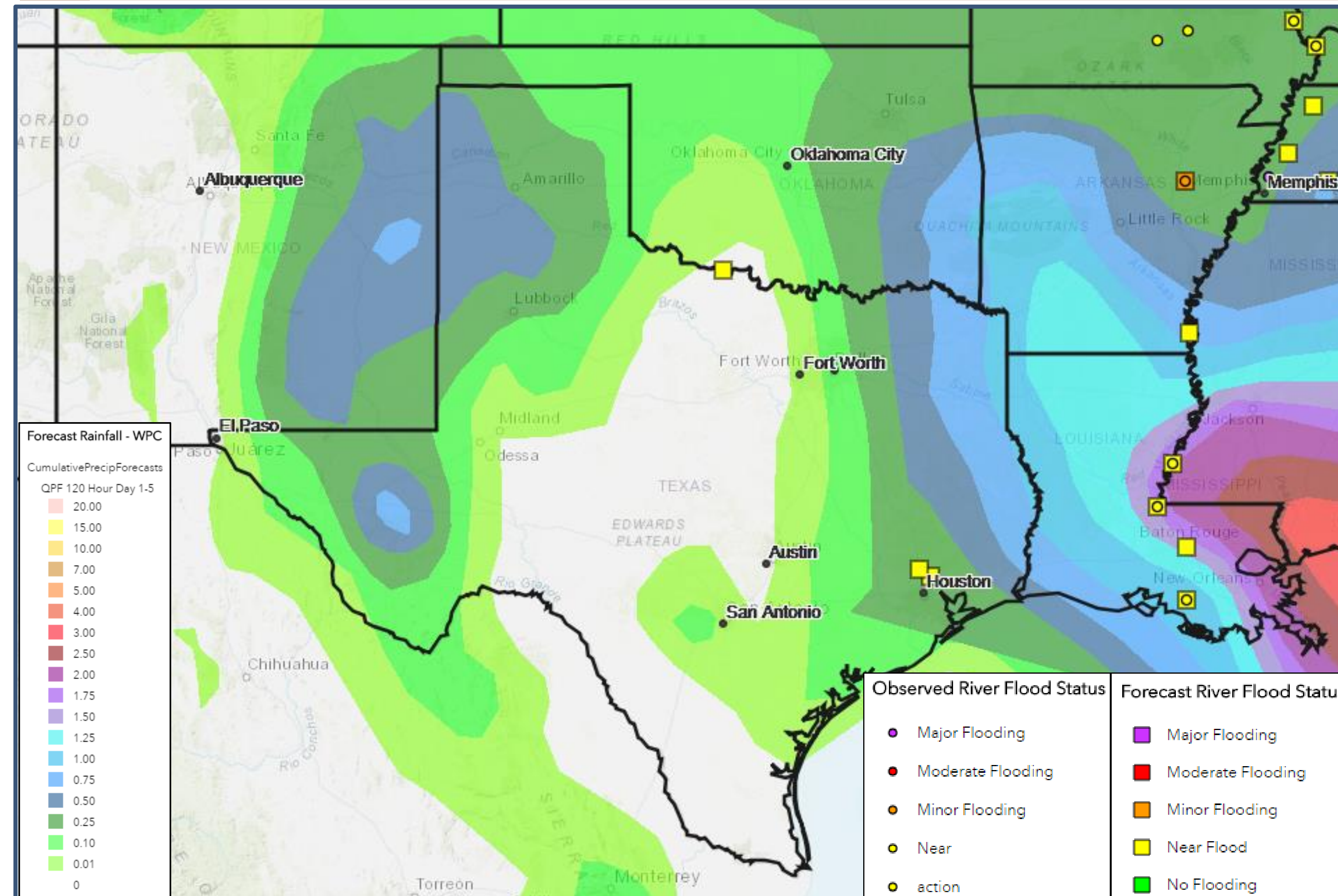
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

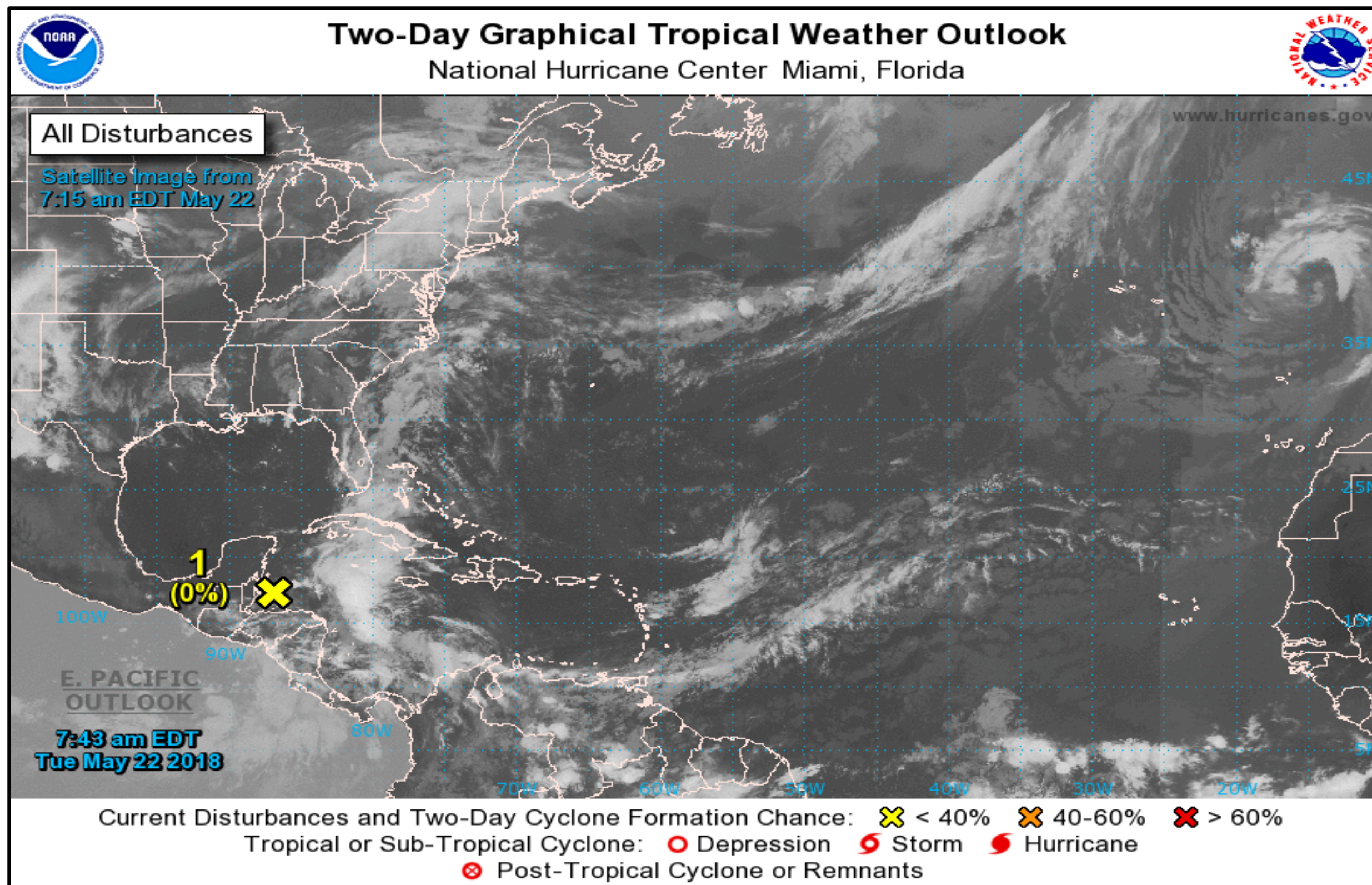
Minor flooding continues on the Cache River in AR through this week. Heavy rain late week/weekend could lead to additional flooding.



Tropical Weather Outlook



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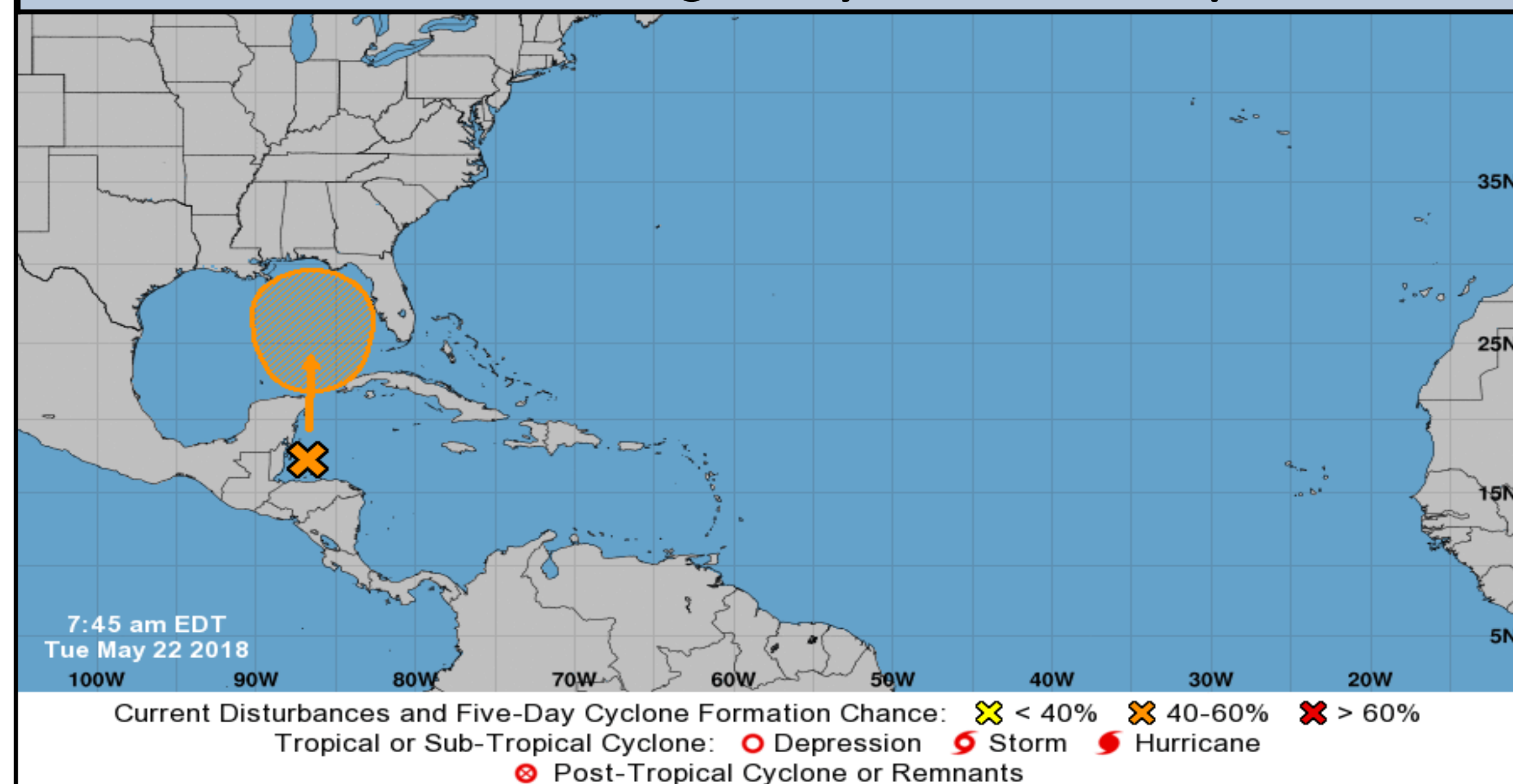


Potential impacts to FEMA Region 6:

Increasing rain chances in Louisiana later in the week, with the potential for heavy rain and localized flooding.

Broad low pressure has formed over the NW Caribbean Sea and is producing widespread cloudiness and showers from the NW Caribbean across Cuba and into FL. Conditions are unfavorable for development over the next couple days, but some gradual development is possible later this week as the system moves northward over the central or eastern Gulf of Mexico. Regardless of development, locally heavy rainfall is possible along the track of this system.

Formation chance through 48 hours...low...near 0 percent.
Formation chance through 5 days...medium...40 percent.

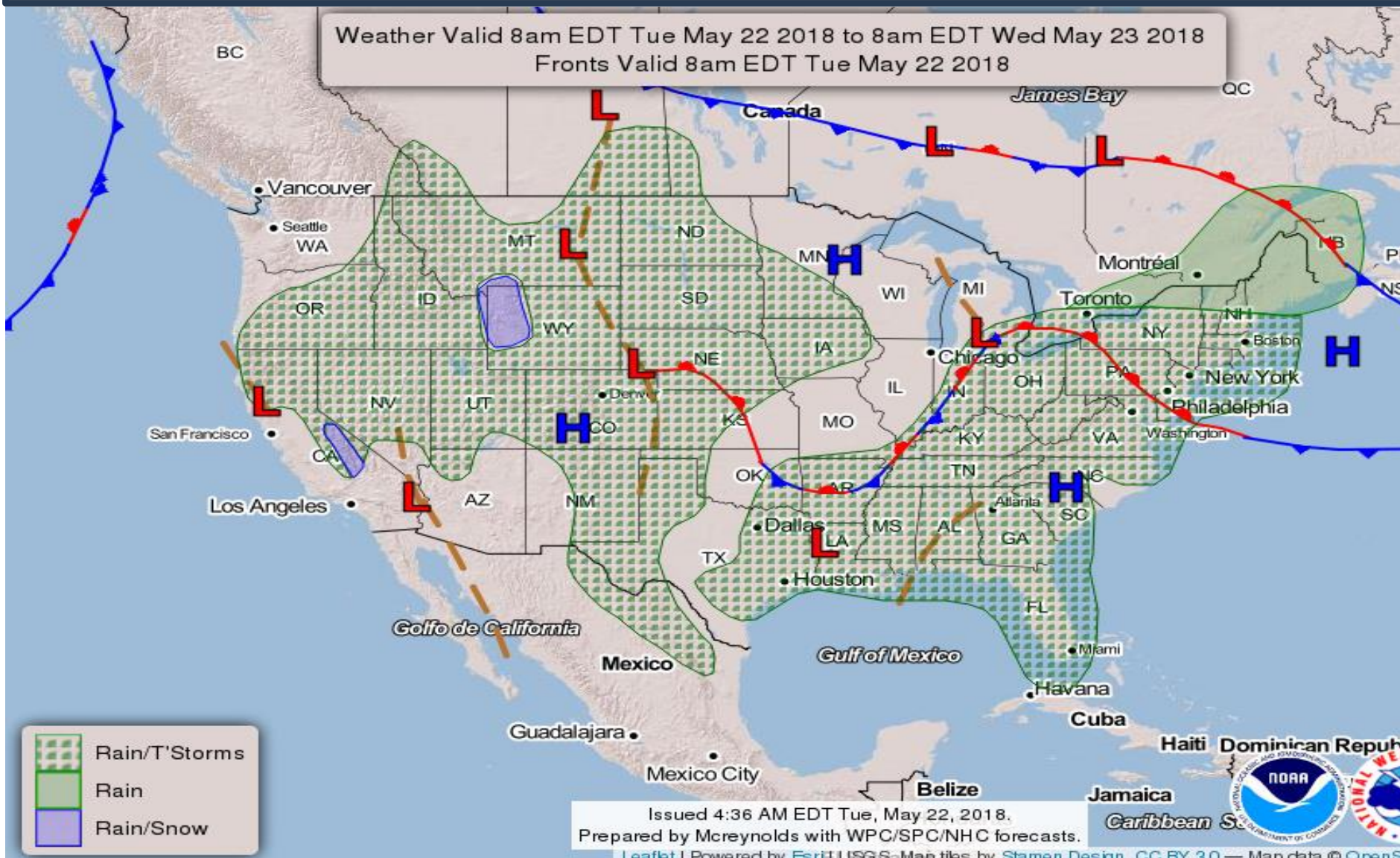


Today's Weather



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Forecast Chart

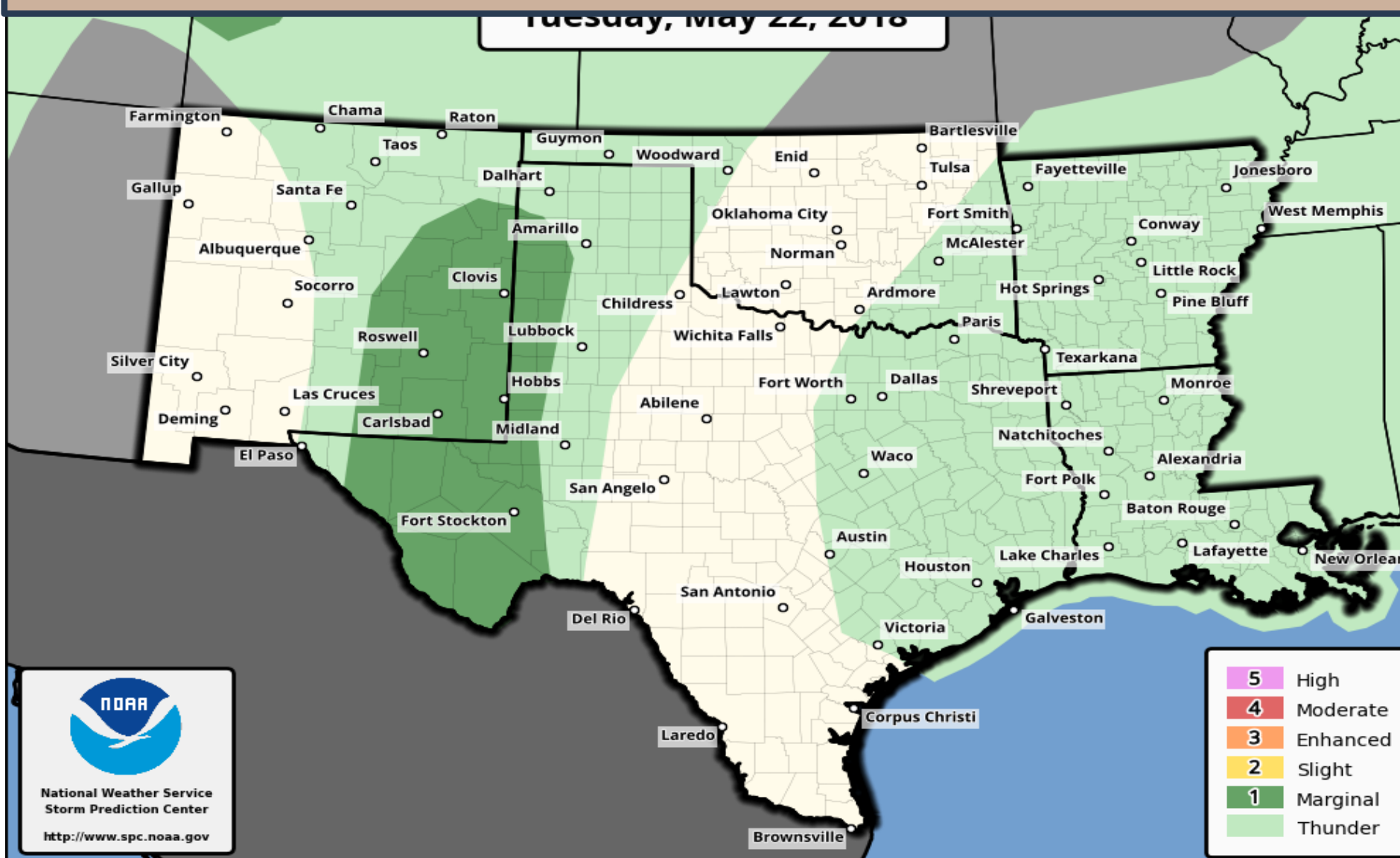


Forecast Rainfall



Isolated severe storms possible this afternoon and evening for E NM/W TX. Damaging winds and large hail are the primary threats.

Severe Weather Outlook



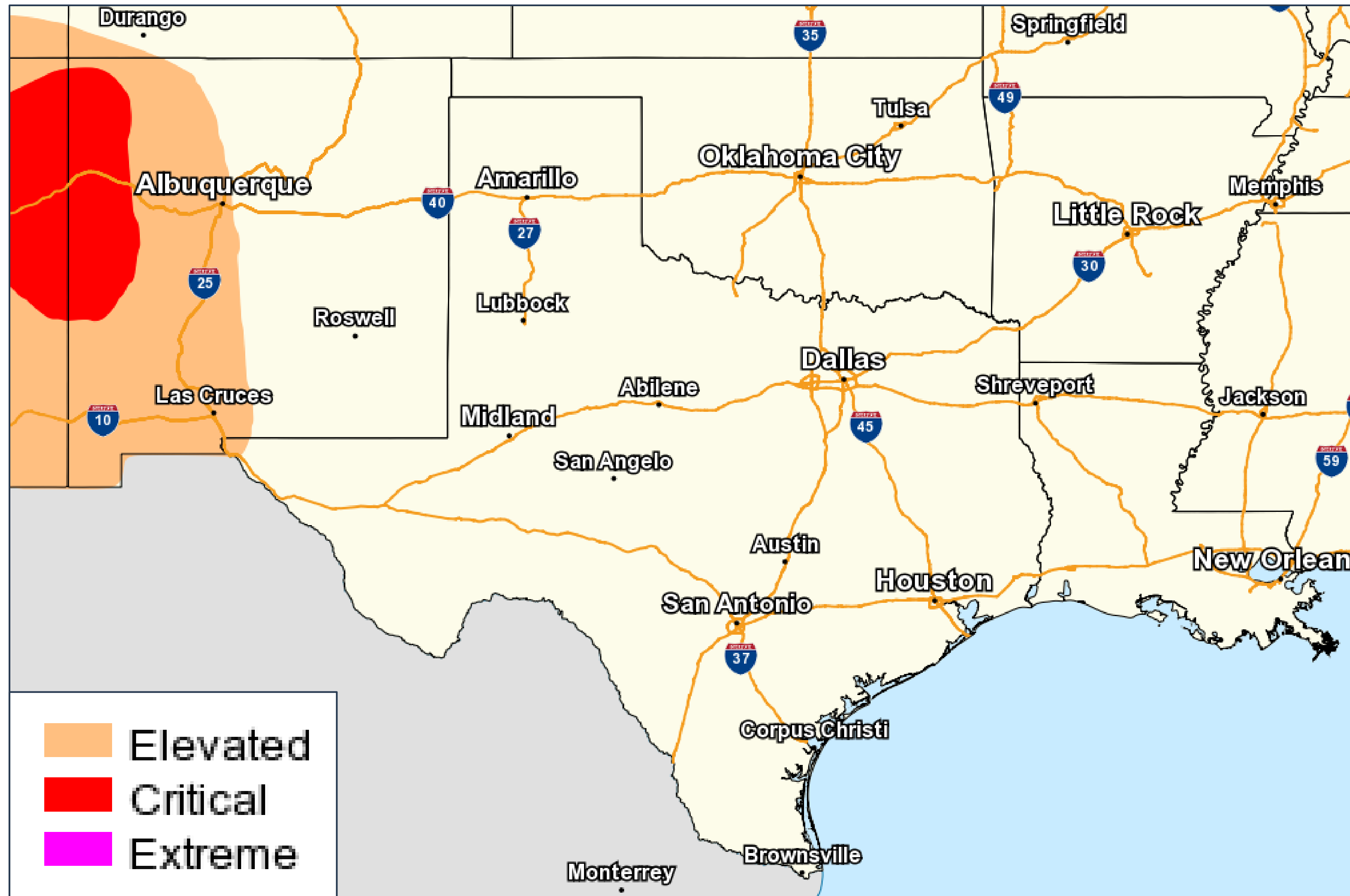
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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**Elevated fire weather conditions across
W NM.**

Tomorrow's Weather

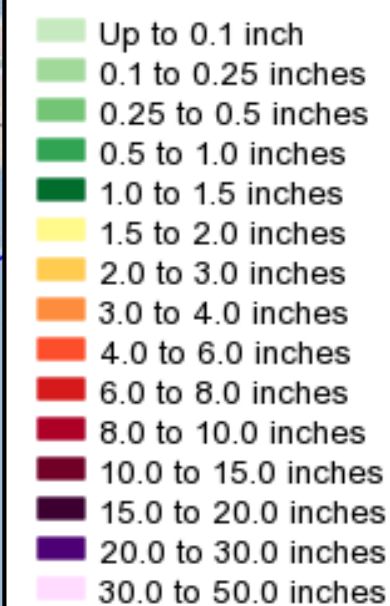
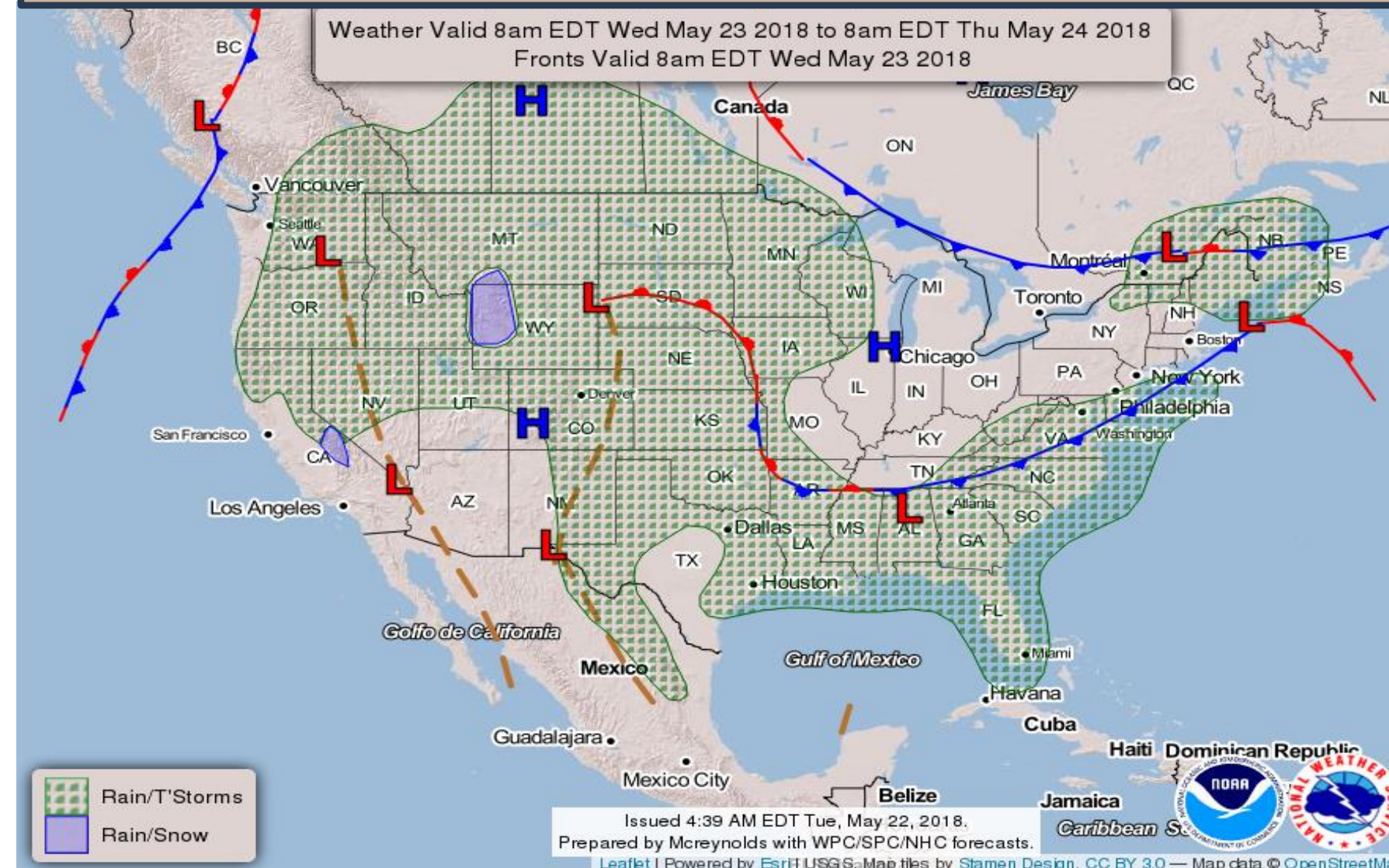


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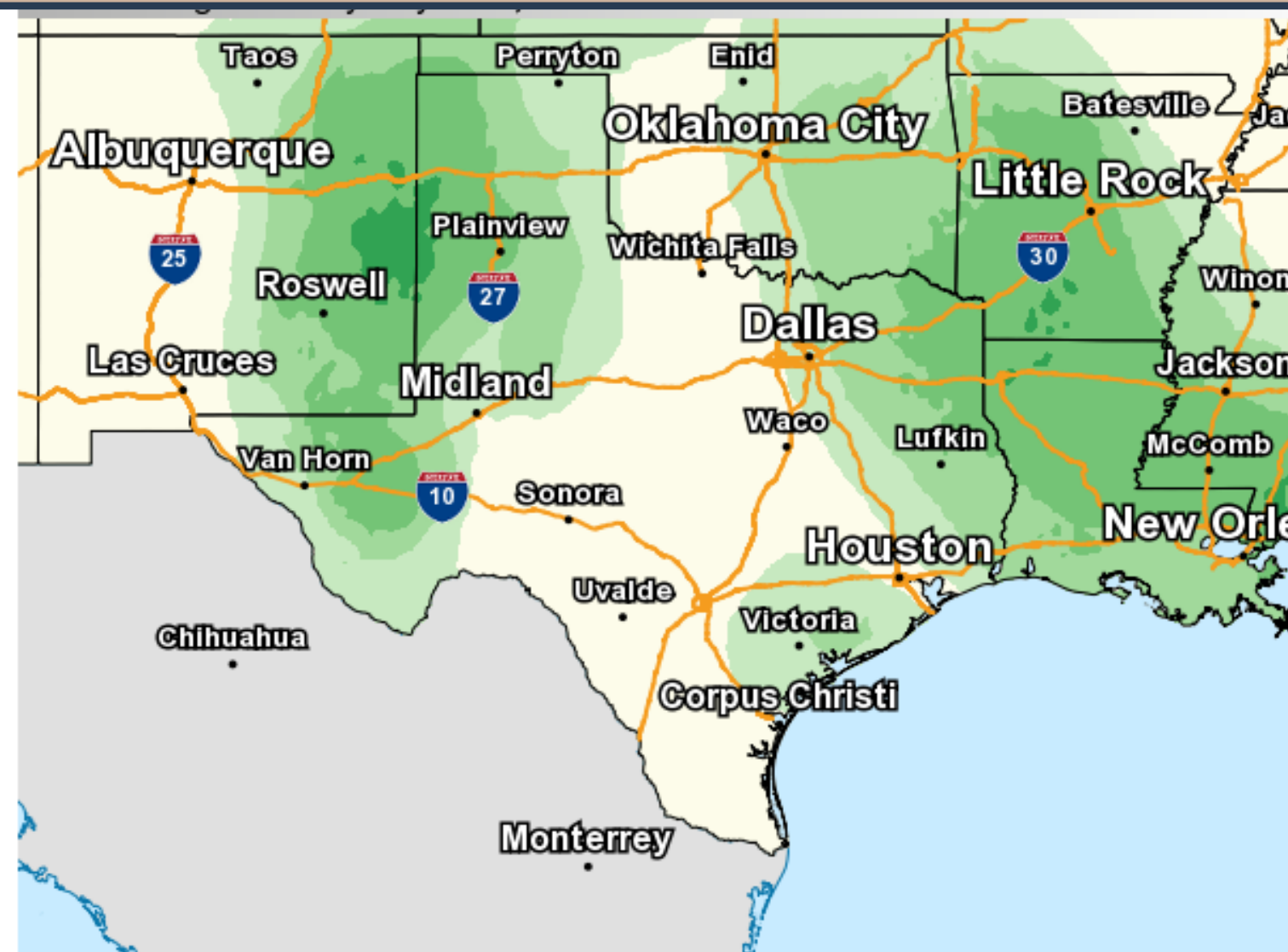
Forecast Chart

Forecast Rainfall

Isolated severe storms possible this afternoon and evening for E NM/W TX/OK Panhandle. Damaging winds and large hail are the primary threats.

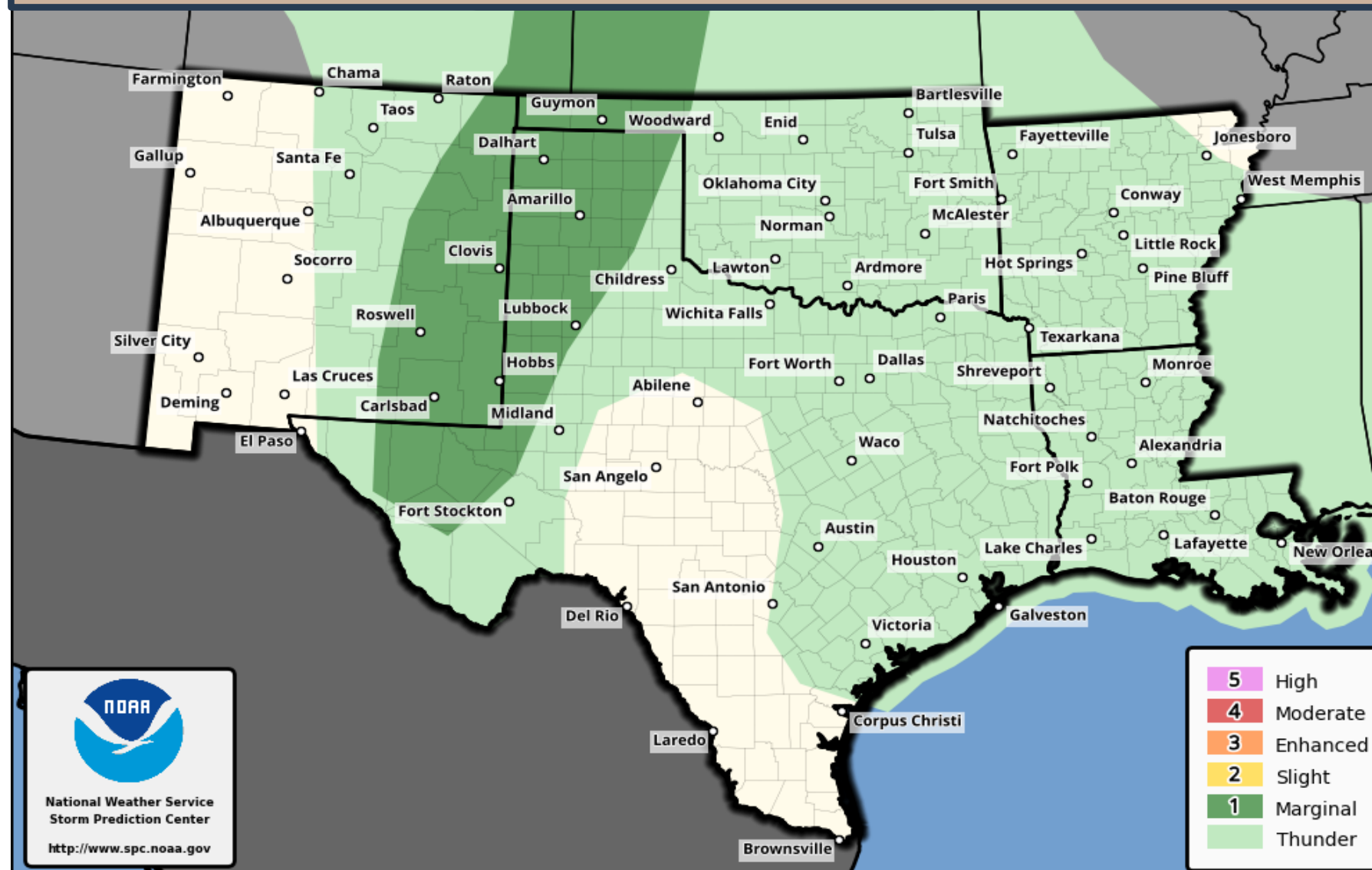


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May 22nd, 2018
7:49 AM CDT



Severe Weather Outlook

Excessive Rainfall Outlook

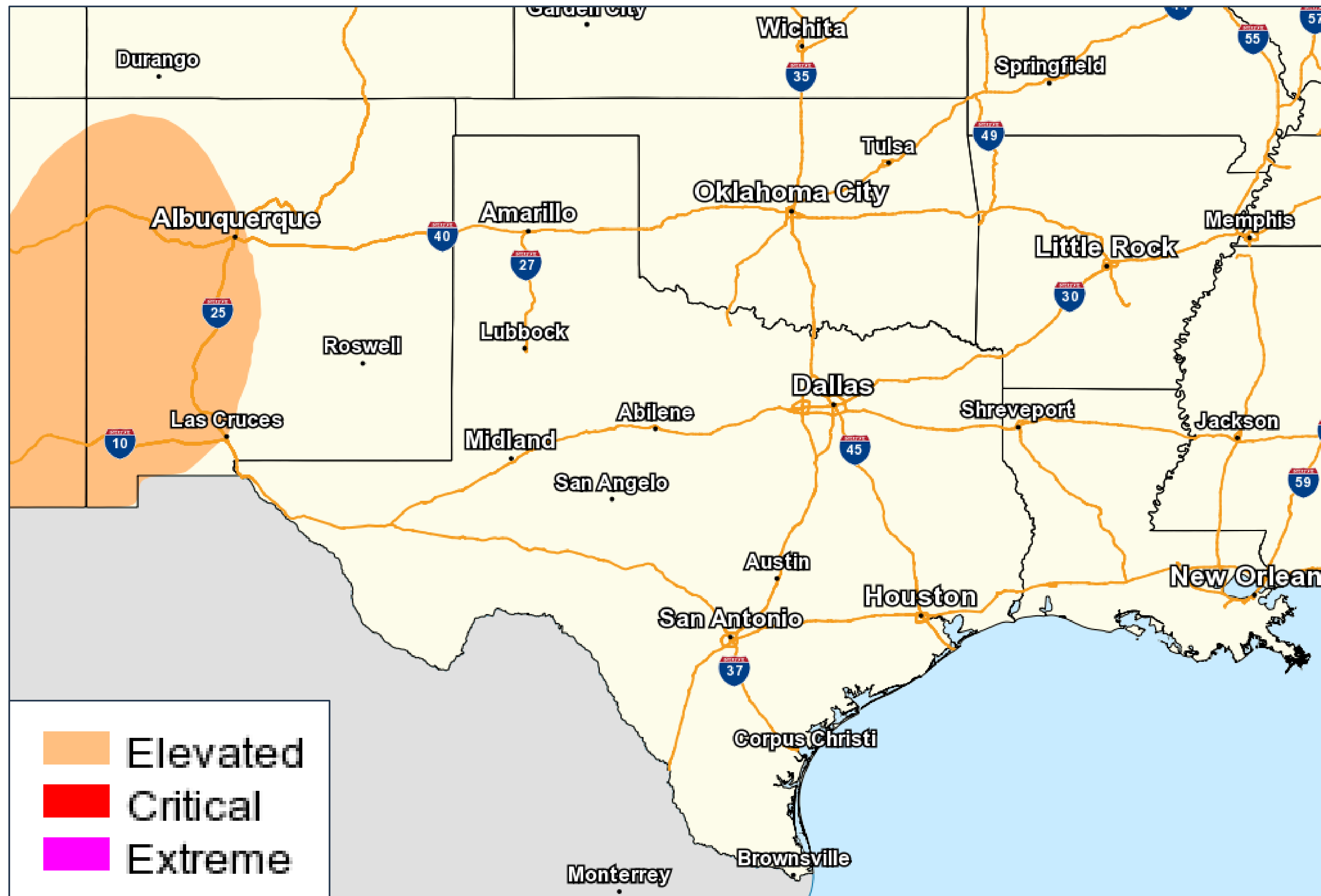


Tomorrow's Fire Weather Outlook



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**Elevated fire weather conditions across
W NM.**



Thursday's Weather

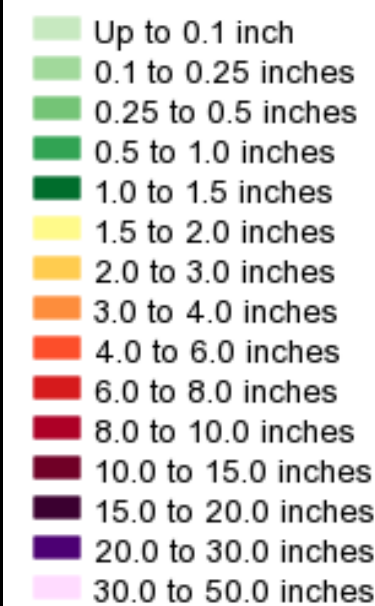
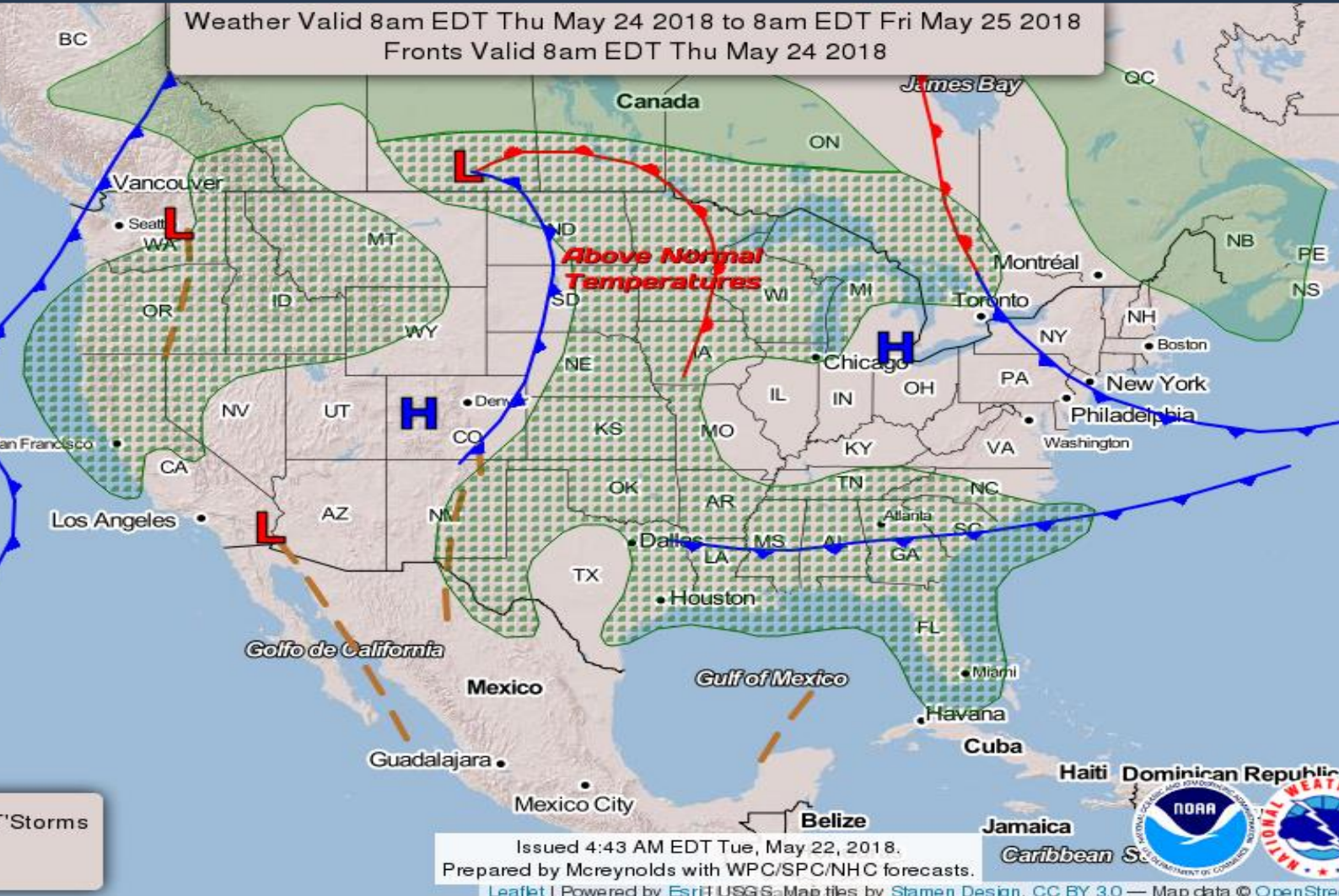


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Forecast Chart

Forecast Rainfall

No significant weather impacts expected



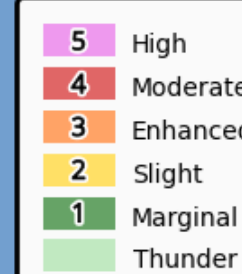
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May 22nd, 2018

Severe Weather Outlook

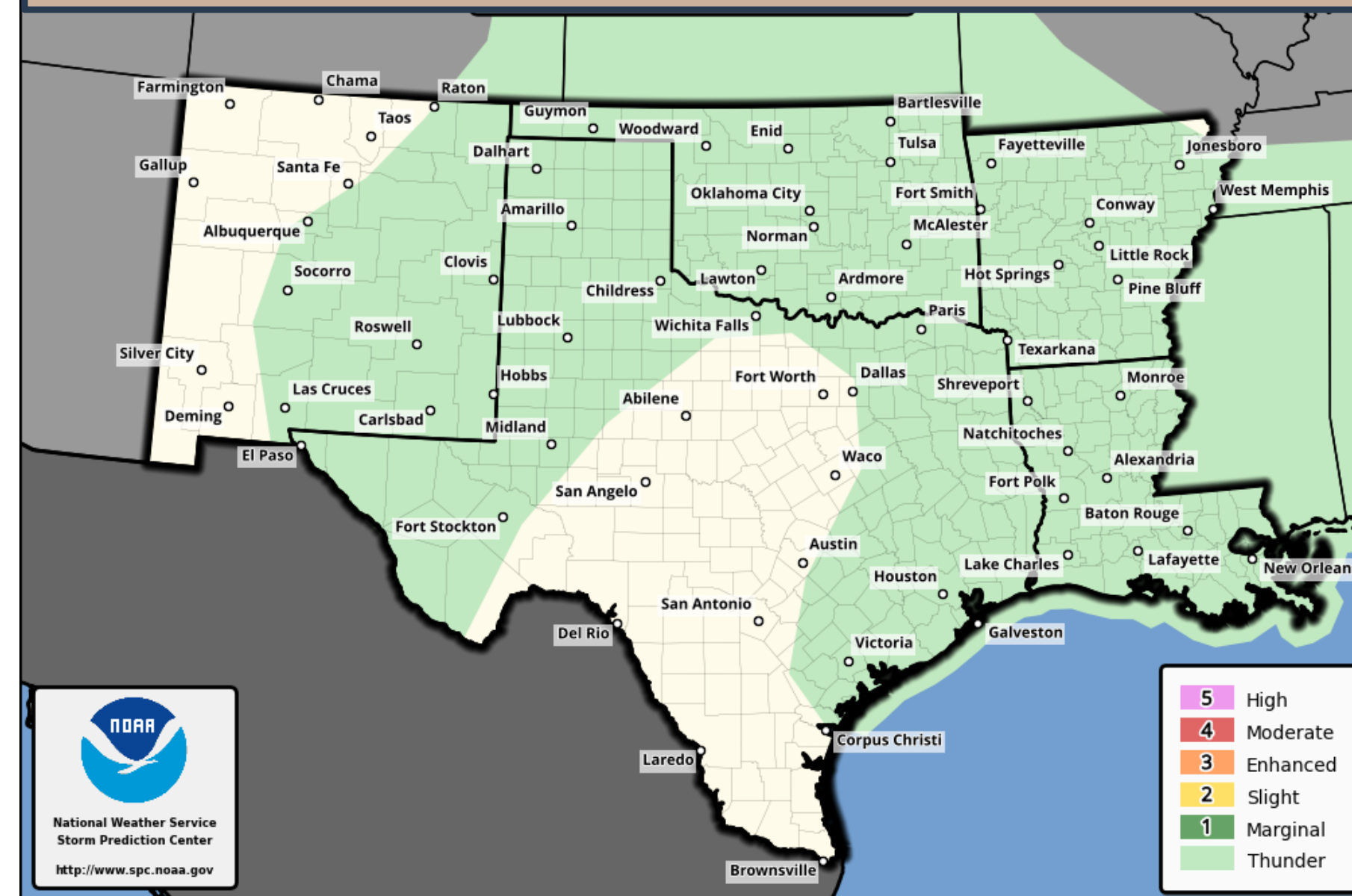
Excessive Rainfall Outlook



Graphic Created



Graphic Created

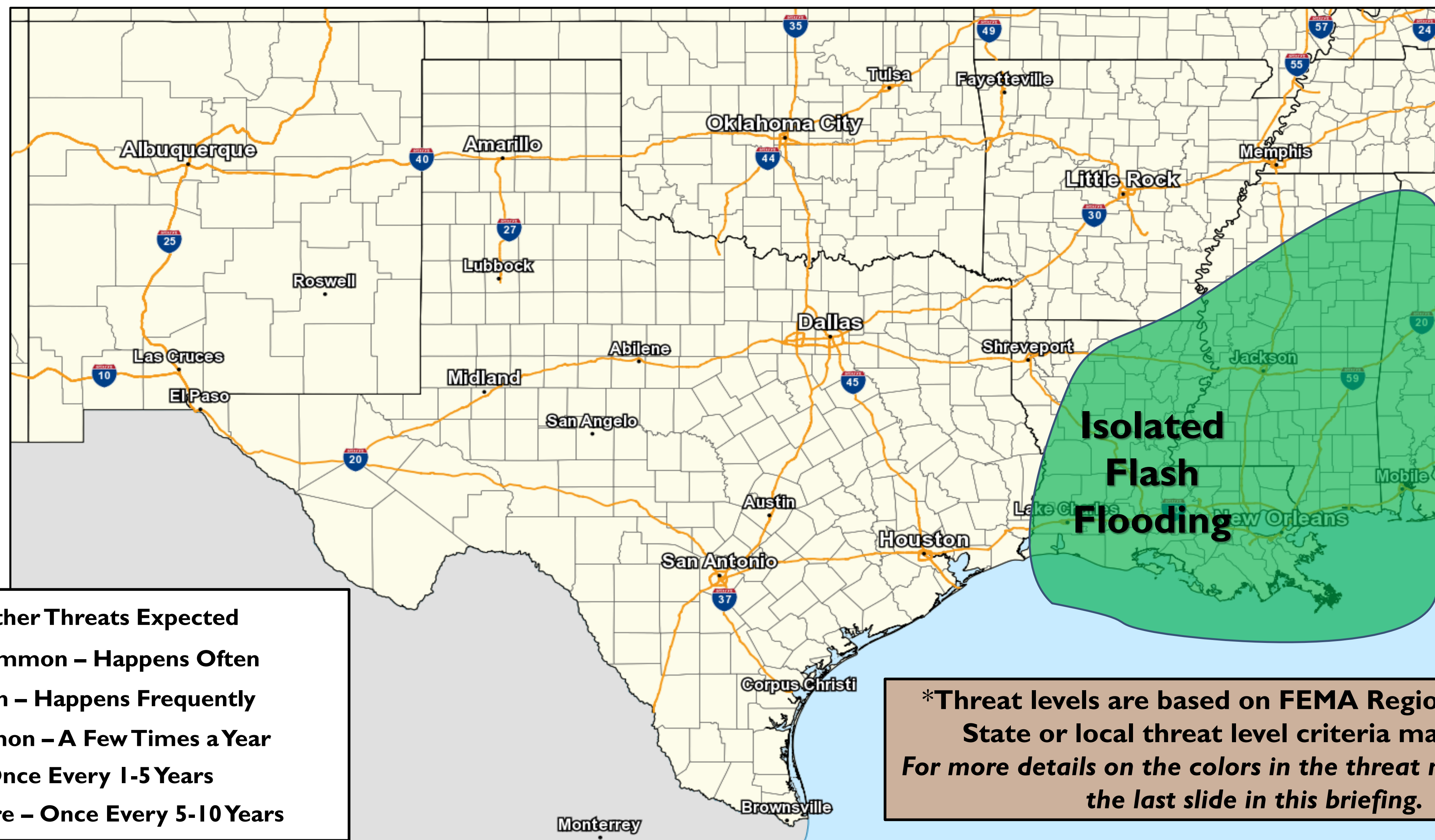


Days 4-5 Weather Hazards

Friday - Saturday



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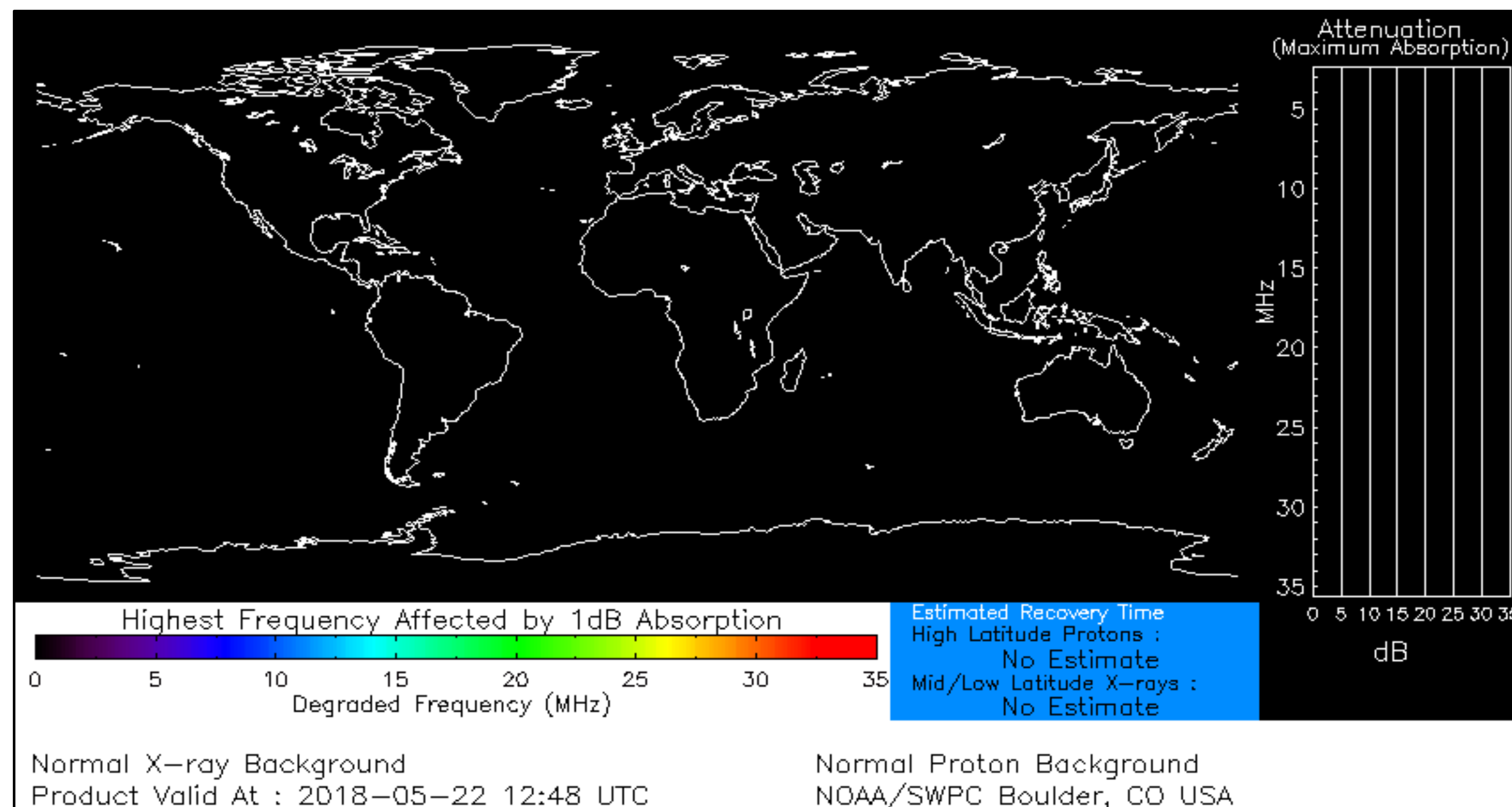


Space Weather 3-Day Forecast



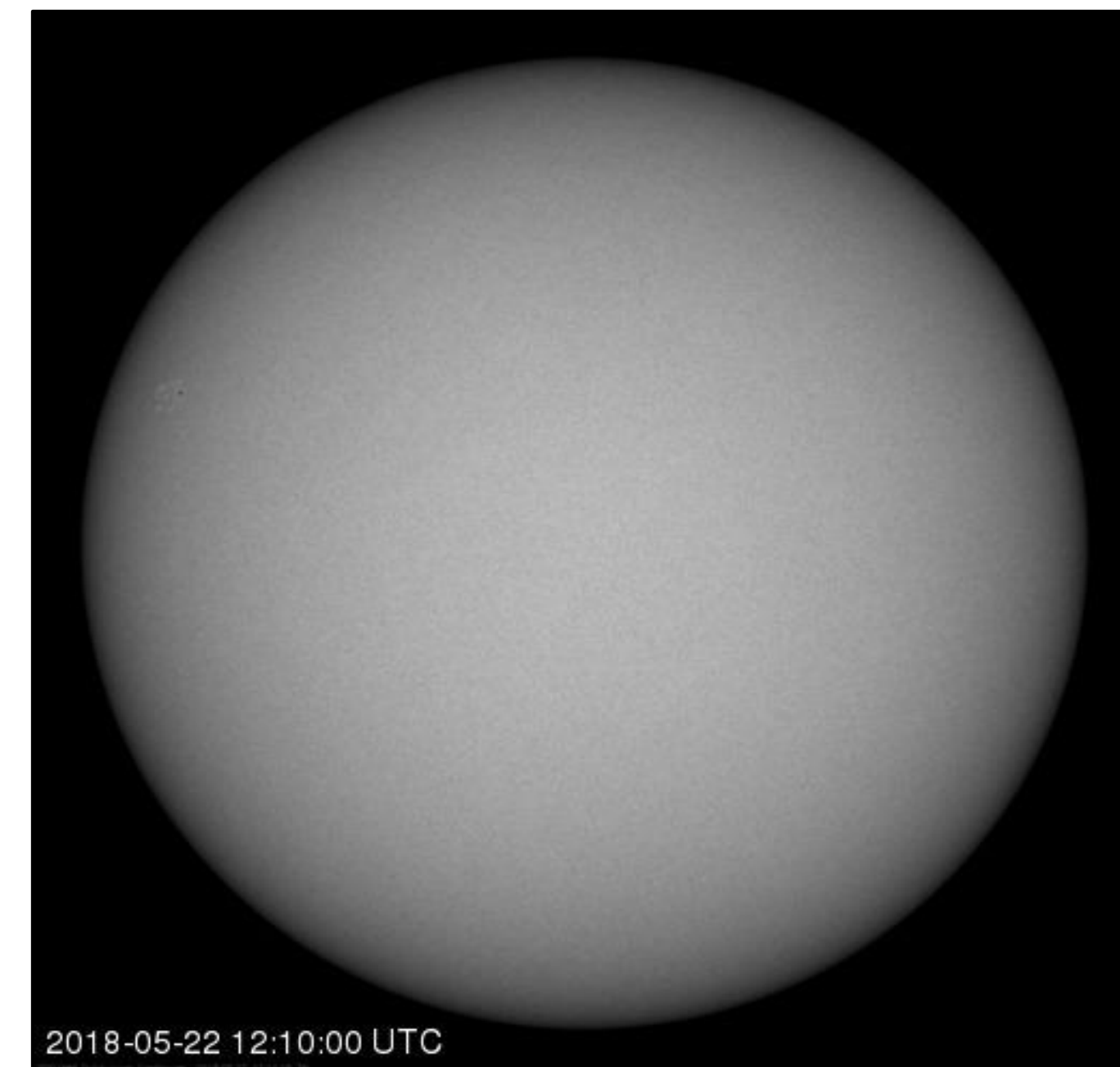
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov